

A431 | 300112

| | | | | |
|--------------------|-------|------|-------|-------------------|
| Description | A431 | 85 | A-431 | EGF |
| | | A431 | | MAPK/ERK PI3K/AKT |
| | A-431 | | A431 | |
| | | | | EGF |
| | A-431 | | | |

Organism

Tissue

Disease

| | |
|-----------------|---------------|
| Synonyms | A-431, A431/P |
|-----------------|---------------|

| | |
|------------|----|
| Age | 85 |
|------------|----|

Gender

Morphology

Growth properties

| | | |
|-----------------|-------------|--------|
| Citation | A431 Cytion | 300112 |
|-----------------|-------------|--------|

| | |
|------------------------|---|
| Biosafety level | 1 |
|------------------------|---|

| | |
|-------------------|------|
| NCBI_TaxID | 9606 |
|-------------------|------|

| | |
|-----------------------------|-----------|
| CellosaurusAccession | CVCL_0037 |
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Receptors expressed

Protein expression P53

Isoenzymes G6PD B PGM1 1 PGM3 1 ES-D 1 Me-2 0 AK-1 1 GLO-1 2

Tumorigenic

Products HBp17

Mutational profile BRAF V600Ewt

Karyotype der(6) der(7) der(17) der(21) dic(13,14) dic(14,18) 8q24 C-MYC dup(8)(q24) der(15)t(8,1

Culture Medium DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a

Supplements 10% FBS

Dissociation Reagent Accutase

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density $1 \times 10^4 / \text{cm}^2$ 4

Fluid renewal 2 3

Post-Thaw Recovery 4×10^5 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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| Thawing and Culturing Cells | | | | |
|-----------------------------|---------|--------|-------|-----|
| 1. | | | | |
| 2. | | -150°C | | 3 |
| 3. | | 37°C | 40-60 | |
| 4. | | | 70% | |
| 5. | | 8 | 15 | |
| 6. | 300 x g | 3 | | |
| 7. | 10 | | T25 | T25 |
| 8. | | | | |

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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HLA

A*: '03:01:01

B*: '07:02:01

C*: '07:02:01

DRB1*: '11:04:01

DQA1*: '05:05:01

DQB1*: '03:01:01

DPB1*: '15:01:01

E: '01:03:01, '01:03:02